HIGHLIGHTS
June 29, 1993

TO: S. Benjamin
FROM: Alex Klein

B886
Activity included continuation of excavation of contaminated soils in the upper pond. The concrete pit excavation is complete. Work is to focus upon region between upper and lower pond where radioactivity is known to exist. Sampling, analysis and shipment of wastes is being accomplished expeditiously.

A possible alternate disposal site for non-hazardous (but California regulated) has been identified. If it is acceptable, the costs of soil disposal are about 50% of that being paid for disposal at Kettlemen City. EP is evaluating information provided.

Sampling of all mixed waste soils is complete and all samples sent for analysis. Estimate of total mixed wastes to be treated is expected in three weeks.

An estimated 150 "B-12 containers" have been received and transfer of mixed waste soils from roll-offs to these containers will begin when labor is available. This will enable the roll-offs to be returned to the supplier avoiding the rental costs.

Work is heldup on treatment of excavated components at the Hazardous Waste Treatment Facility (T133) due to labor shortages (illness, jury duty, vacations,priorities). Disposal of the decontaminated scrap will be accomplished with the non-hazardous soils.

Results from RWQCB's chemical analysis of the split soil samples taken from the lower pond are not known. Radionuclide analysis of the split has been completed by CEP and data shows results as expected, except gamma spec was erroneously omtted. Results of DHS sampling are not known.

Treatment of the mixed wastes is being delayed by DTSC who must specify the permit type and the permittee. A Senior Executive of DTSC visited the site to provide assistance in expediting the waste treatment. Execution of the contract by CWM (Rust Remediation Services) is expected by 7/1/93.

The bid package for soil sampling and health based risk assessments was issued to purchasing for bid. Bids are due 8/1 and award is targetted for 9/5/93. The work is estmated to require 7 months to perform.

Preparation of a bid package for site restoration is delayed due to priorities. The design review revealed considerable rework required. Assistance from subcontractors was delayed for contract coverages.

Installation of the planned cluster well at the lower pond is being accelerated. Mobilization to B886 is delayed for work at other wells. Work will start any day.

Quantitative Summary:

Western Area: Estimated 1030 cy total to excavate, 605 cy excavated, sampled and disposed of.(Quantities shown are unchanged since prior report)

Lower Pond: Total of 7375 cy excavated, essentially all of the non-radioactive wastes are completely sampled. Approximately 440 cubic yards of mixed waste soils remains to be sampled and analyzed (approx 30 samples). All hazardous wastes are shipped; all mixed

HDMSe00437876

wastes are at RMDF and have been sorted. No further work planned for the lower pond until backfilling.

Upper Pond: Estimated 2500 cy total to excavate, 1674 cy excavated; 1 cy was r/a. A new estimate of the total volume confirms the above quantity. Approximately 1500 cy have been sampled and 1260 cy has been shipped for disposal.

Other: Estimated 300 cy to excavate (~~pit~~,pads,channel), 120 cy excavated, 90 cy shipped Estimated 10,000 lbs debris to dispose, 4000 lbs containerized. (pit comleted this report)

Problems:

Implementation of mixed waste treatment contract is delayed by DTSC permits.

Falcon/Greenfield has been ordered to stop work pending acceptance of contract modifications. Requisiton for another source for disposal of conventional wastes was issued.

DETAILED WEEKLY HIGHLIGHTS

Sodium Burn Pit Closure

1. Site restoration procurement package in final review following design review. (Kern/Shipway/Klein).
2. Standard operating procedure for facility operations, in work (Hardy-limited progress)
3. The soil sampling/HBRA subcontract package at purchasing for bid (Rees).
4. Application for air emissions permit to be made for mixed waste treatment process was filed 5/17/93. Questions rec'd, answers in work O'Rourke (air quality rep).
5. Final radiation survey procedure was issued for design review. Document appears good, requires some descoping and minor rework due to overlap with item 3 above. (J. Collins) Reissue promised for 7/10/93.
6. Costs to perform radiochemical analyses of samples (not from burn pit) needs to be included in next CEP contract modification.(Klein). Input required from Horton-6th week.
7. DTSC to identify permitting process and permittee for mixed waste treatment. (Shoemaker-7th wk)
8. Mixed waste sampling, need redlined procedure to reflect lesser analysis requirements (Sujata)
9. Evaluate acceptability of alternate disposal site for non-hazardous (regulated) waste soils (Sujata/Nelson/Ovendale-3rd week)
10. Need to take "background" soil samples to send to mixed waste analysis lab (CEP) to verify that low levels of arsenic found are not significant.(Sujata)
11. Prepare instructions to Ops to distribute released scrap from the site and from T133 into the non-hazardous soils for disposal (Klein)

New Items:

- . Correct gamma spec omission from lower pond specimens (Marshall)
- . Need more B-12 boxes (50) for r/a expected from upper/lower pond area.(Hardy)
- . Issue criteria for use of Black Canyon soils for fill (Klein)
- . Train replacements for contract laborers (health & safety officers) (Klein)
- . Request Rust Remed to respond to VAPCD questions about equipment (Klein)

cc:	B. Hardy	P. Horton	B. Jetter	B. Sujata
	T009	T009	T487	T486

BNA01086982

HDMSe00437877